APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/667,709	09/22/2000	Philip William Gillis	2925-0431P	9953

30594	7590	06/08/2004

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. BOX 8910
RESTON, VA 20195

EXAMINER
CHANG, SUNRAY

ART UNIT	PAPER NUMBER
2128	

DATE MAILED: 06/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _22 September 2000_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-30_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1 - 30_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _____ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All b)☐ Some * c)☐ None of:
    1.☐ Certified copies of the priority documents have been received.
    2.☐ Certified copies of the priority documents have been received in Application No. _____.
    3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
        application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application)
    since a specific reference was included in the first sentence of the specification or in an Application Data Sheet.
    37 CFR 1.78.
    a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific
    reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _2_ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

1.   This office action is in responsive to the paper 5 filed on March 30, 2004.

2.   Claims 1 – 30 are presented for examination.

Claims 1 – 30 are rejected.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claim 1 – 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Child et

al. (U.S. Patent No. 5,121,475, and referred to as Child hereinafter).

4.   **Regarding independent claims 1 , 11 and 21,**

    ▫ receiving a message (error log request) from a system (a component of a

communication software system);

        Child teaches "**error log request** which has been generated by a **component of**

a communication software system." (Col. 1, Line 55 ~ 56)

- comparing (**compared**) the received message (**entries**) to information (**plurality of records**) stored in a response file (**message look-up table**) used to simulate system response (**analyzed**),

    Child teaches An error log request which has been generated by a component of a communication software system is **analyzed and compared** to **entries** in one of a **plurality of records** in a **message look-up table**. (Col. 1, Line 55 ~ 58)

- the response file (**message look-up table**) including at least one message (**one of a plurality of records**),

    Child teaches An error log request which has been generated by a component of a communication software system is analyzed and compared to entries in one of a **plurality of records** in a **message look-up table**. (Col. 1, Line 55 ~ 58)

- a message marker (**message number**) associated with each **message**,

    Child teaches if the message is to be displayed, the message handler retrieves the **message** identified by the **message number** from the operating system message file. (Col. 4, Line 52 ~ 55)

- at least one response associated with (**Type, Subtype**) each message, and an end-of-response marker (**Length**) associated with each response;

Child teaches at least one response associated with each message (**Type,**

Subtype, Fig. 3), and an end-of-response marker associated with each response

(**Length,** Fig. 4, Fig. 5);

□   simulating (**analyzed and compared to**) a response to the system message (**an**

error log request)

Child teaches **an error log request** which has been generated by a component

of a communication software system is **analyzed and compared to** (Col. 1, Line 55 ~

58)

□   by outputting (**displayed**) a response (**message**) stored in (**logged to**)

association with a stored message (**error record**) matching (**comparison**) the

received message (**error record**), upon the received message matching

(**comparison**) a message stored in the response file (**entries in the message**

look-up table),

Child teaches the error log request handler then assembles an error record from

the information contained in the control block and **stores the error record into** the **error**

log file. After the **error record** has been **assembled** and **logged**, the error log request

handler performs a **comparison** of the record with **entries in the message look-up**

table to determine if a message should be generated as a result of the error log request.

(Col. 4, Line 24 ~32)

Child teaches the **message** to be **displayed**. (Col. 4, Line 52)

□   wherein upon at least two responses being stored in association with a message,

     Child teaches wherein upon at least two responses (**DATA1 ~ 3, Fig. 3**)

being stored in association with a message (**MSG #, Fig. 3**),

□   the at least two responses (**DATA 1 ~ 3**) are sequentially (**queue**) output (**log**

display request) in response to sequential receipt (**queue**) of the message

(**message/error log**).

     Child teaches at least two responses (**DATA1 ~ 3, Fig. 3**)

     Child teaches **Error log requests** and **message log/display requests**, which

are generated by the components of the communication software system, are placed

into a **message/error log queue**. (Col. 4, Line 17 ~ 21)

5.   Regarding dependent claims 2, 12 and 22,

     Child teaches the simulation process occurs within the system (Fig. 1).

6.   Regarding dependent claims 3, 13 and 23,

     Child teaches the simulation process (**analysis**, Col. 1, Line 19) occurs

within a device (**component**, Col. 1, Line 18) separate from, but operatively

(**services or functions**, Col. 1, Line 20) connected to the system

(**Communication Software System**, Col. 1, Line 17).

7.   Regarding dependent claims 4, 14 and 24,

Child teaches the response file (**a look-up table** which is a part of an error request handler, Col. 3, Line 40 ~ 41) includes at least one autonomous response (**forwards data** to be inserted into a message to be generate and displayed to the user, Col. 3, Line 48 ~ 50), the autonomous response is output a predetermined time (**frequently monitored**, Col. 1, Line 42) after simulation begins, irrespective of a received message (**forwards data** to be inserted into a message to be generate and displayed to the user, Col. 3, Line 48 ~ 50).

8.   Regarding dependent claims 5, 15 and 25,

Child teaches the response file (**a look-up table** which is a part of an error request handler, Col. 3, Line 40 ~ 41) includes at least one autonomous response (**forwards data** to be inserted into a message to be generate and displayed to the user, Col. 3, Line 48 ~ 50), the autonomous response is periodically output (**frequently monitored**, Col. 1, Line 42) irrespective of a received message. (**forwards data** to be inserted into a message to be generate and displayed to the user, Col. 3, Line 48 ~ 50).

9.   Regarding dependent claims 6, 16 and 26,

Child teaches the response file (**message look-up table**, Line 4, Abstract) includes at least two different messages (**Records**, Line 4, Abstract), each associated with at least one response (**match between** the field of the **error log**

request and **selected entries of a record in the look-up table**, Line 4 – 6,

Abstract).

10.   Regarding dependent claims 7, 17 and 27,

Child teaches storing a record of a received message (**logging the error**

information, Col. 1, Line 26), wherein upon a message being received a second

time (**there are other records**, Col. 5, Line 48), either a second response stored

(**logging the error information**, Col. 1, Line 26) in association with the received

message is **output** (**display and/or logging of the message to the user**, Col.

5, Line 62), or the first response is again **output** (**display and/or logging of the**

message to the user, Col. 5, Line 62) if no second response is stored in

association with the received message (determines whether the end of the

message look-up table has been attained or if a match has been found, Col. 5,

Line 46 ~ 48).

11.   Regarding dependent claims 8, 18 and 28,

Child teaches sequential responses stored in the response file (placed into

a message/error log **queue**, Col. 4, Line 20) in association with (**assembled and**

logged, Col. 4, Line 28) a common message (**error record**, Col. 4, Line 27) are

sequentially output (are placed into a message/error log **queue**, Col. 4, Line 20)

upon successive receipt (**are placed into**, Col. 4, Line 20) of the common

message (**error record**, Col. 4, Line 27).

12.   Regarding dependent claims 9, 19 and 29,

      Child teaches sequential responses stored in the response file (placed into a message/error log **queue**, Col. 4, Line 20) in association with (**assembled and logged**, Col. 4, Line 28) a common message (**error record**, Col. 4, Line 27) are sequentially output (are placed into a message/error log **queue**, Col. 4, Line 20) upon successive receipt (**are placed into**, Col. 4, Line 20) of the common message (**error record**, Col. 4, Line 27).

13.   Regarding dependent claims 10, 20 and 30,

      Child teaches the response file (**error log file**, Col. 4, Line 27) is created using a log file (**error log file**, Col. 4, Line 27) of the system.

<u>Conclusion</u>

14.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Sunray Chang whose telephone number is 703-305-

8744. The examiner can normally be reached on M-F 7:00-4:30.

    If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kevin Teska can be reached on 703-305-9704. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

    Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-746-

3506.

*Thai Phan
Patent Examiner
AU: 2128*

Sunray Chang
Patent Examiner
Group Art Unit 2128
Technology Center 2100
U.S. Patent and Trademark Office

June 1, 2004